

<b>Laboratory</b>	<b>Jagdamba Laboratories, 181, Padmavati Colony (B), New Sanganer Road, Shyam Nagar, Jaipur, Rajasthan</b>		
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I. FOOD &amp; AGRICULTURAL PRODUCTS</b>				
<b>1.</b>	<b>Alcoholic Drinks (Rum, Whisky, Brandy, Gin, Vodka &amp; Country Spirit)</b>	Residue on Evaporation	IS 3752: 2005 Method Clause (5)	0.01 % w/v to 5 % w/v
		Ethyl Alcohol Content	IS 3752: 2005 Method Clause (4.2)	2 % v/v to 95 % v/v
		Volatile Acidity as Acetic Acid	IS 3752: 2005 Method Clause (8)	1 gm/100 l to 50 gm/100 l
		Higher Alcohol as Amyl Alcohol	IS 3752: 2005 Method Clause (11.2)	3 gm/100 l to 750 gm/100 l
		Methyl Alcohol	IS 3752: 2005 Annex A (Clause 1)	0.1 gm/100 l to 200 gm/100 l
		Aldehydes	IS 3752: 2005 Annex A (Clause 1)	3 gm/100 l to 100 gm/100 l
			IS 3752: 2005 (Method No.12)	3 gm/100 l to 100 gm/100 l
		Ester	IS 3752: 2005 Annex A (Clause 1)	5 gm/100 l to 400 gm/100 l
			IS 3752: 2005 (Method No.10)	5 gm/100 l to 400 gm/100 l
		Copper	IS 3752: 2005 (Method No.15)	0.1 mg/100 l to 10 mg/100 l
<b>2.</b>	<b>Cereals &amp; Cereal Products</b>	Moisture	IS 1010:1968 (Appendix B)	0.1 % to 15 %
			IS 1155: 1968 (RA 2010) (Appendix A)	0.1 % to 15 %
			IS 1009: 1979 (RA 2010) (Appendix A)	0.1 % to 15 %

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	<b>Cereals &amp; Cereal Products</b>	Total Ash (on dry basis)	IS1010: 1968 (Appendix C)	0.1 % to 5 %
			IS 1155: 1968 (RA 2010) (Appendix B)	0.1 % to 5 %
			IS 1009: 1979 (RA 2010) (Appendix B)	0.1 % to 5 %
		Acid insoluble Ash (on dry basis)	IS 1010: 1968 (Appendix D)	0.01 % to 5 %
			IS 1155: 1968 (RA 2010) (Appendix C)	0.01 % to 5 %
			IS 1009: 1979 (RA 2010) (Appendix C)	0.01 % to 5 %
		Gluten (on dry basis)	IS 1155: 1968 (RA 2010) (Appendix D)	1 % to 10 %
			IS 1010: 1968 (Appendix E)	1 % to 10 %
			IS 1009: 1979 (RA 2010) (Appendix D)	1 % to 10 %
		Alcoholic Acidity ( as H <sub>2</sub> So <sub>4</sub> with 90% alcohol)	IS 1155: 1968 (RA 2010) (Appendix F)	0.01 % to 1.5 %
			IS 1010: 1968 (Appendix F)	0.01 % to 1.5 %
			IS 1009:1979 (RA 2010) (Appendix E)	0.1 % to 5 %
	Crude Fiber (on dry basis)	IS 1155: 1968 (RA 2010) (Appendix E)	0.1 % to 45 %	

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<b>3.</b>	<b>Milk and Dairy Products</b>	Fat	AOAC 19 <sup>th</sup> Edition 2012 (Method no. 905.02)	0.1 % to 50 %
		Moisture	AOAC 19 <sup>th</sup> Edition 2012 (Method no. 927.05)	0.1 % to 80 %
		Milk Protein	AOAC 19 <sup>th</sup> Edition 2012 (Method no. 930.29)	1 % to 40 %
		Titrateable Acidity (lactic Acid)	IS 1165: 2002 (RA 2009 ) (Annex B)	0.1 % to 2 %
<b>4.</b>	<b>Tea</b>	Total Ash (on dry basis)	IS 13854: 1994 (RA 1999)	1 % to 20 %
		Water-Soluble Ash (on dry basis)	IS 13855: 1993 (RA 1988)	10 % to 60 %
		Alkalinity of Water-Soluble Ash as KOH (on dry basis)	IS 13856:1993 (RA 1988)	1 % to 5 %
		Water Extract (on dry basis)	IS 3077:1992 (RA 1988)	15 % to 50 %
		Acid Insoluble Ash in dil.HCL (on dry basis)	IS 13857:1993 (RA 1988)	0.01 % to 10 %
<b>5.</b>	<b>Spices and Condiments (Whole &amp; ground)</b>	Moisture	IS 1797: 1985 (RA 2009) (Method No 9)	0.1 % to 10 %
		Total Ash on dry basis	IS 1797: 1985 (RA 2009)	0.1 % to 15 %
		Ash Insoluble in dil.HCL on dry basis	IS 1797: 1985 (RA 2009)	0.1 % to 2 %
		Non-Volatile Ether extract on dry basis	IS 1797: 1985 (RA 2009)	10 % to 60 %

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<b>6.</b>	<b>Raw Sugar</b>	Loss on Drying	IS 15279: 2003 (Method No 4)	0.1 % to 2 %
		Sucrose	IS 15279: 2003 (Method No 12)	1 % to 99.9 %
<b>7.</b>	<b>Nuts and Nut Products</b>	Moisture	IS 4684: 1975 (RA 2005)	0.1 % to 20 %
		Total Ash (on dry basis)	IS 4684: 1975 (RA 2005)	0.1 % to 5 %
		Acid insoluble Ash (on dry basis)	IS 4684: 1975 (RA 2005)	0.1 % to 2 %
	<b>Nuts and Nut Products</b>	Fat	IS 4684: 1975 (RA 2005)	1 % to 50 %
		Crude Fiber (on dry basis)	IS 4684: 1975 (RA 2005)	0.1 % to 2 %
		Protein (N x 6.25)	IS 4684: 1975 (RA 2005)	1 % to 40 %
		Acid Value (as oleic acid)	IS 4684: 1975 (RA 2005)	0.5 to 5
<b>8.</b>	<b>Oil &amp; Fats</b>	Refractive index at 40 °C	IS 548 (Part 1): 1964 (RA 2010)	1.420 to 1.489
		Iodine Value	IS 548 (Part 1): 1964 (RA 2010)	1 to 150
		Saponification Value	IS 548 (Part 1): 1964 (RA 2010)	165 to 250
		Acid Value	IS 548 (Part 1): 1964 (RA 2010)	0.1 to 6
		Bellier Test	IS 548 (Part II): 1976 (RA 2010)	0.1 °C to 50 °C
		Essential Oil (as allyl isothio- cyanate)	IS 548 (Part 1): 1964 (RA 2010)	0.01 % to 0.37 %
		Moisture	IS 548 (Part 1): 1964 (RA 2010)	0.1 % to 1.0 %

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<b>II. WATER</b>				
<b>1.</b>	<b>Drinking Water</b>	Taste	IS 3025 (Part 7 & Part 8): 1984 (RA 2002)	NA
		Odour	IS 3025 (Part 5): 1983 (RA 2002)	NA
		Turbidity	IS 3025 (Part 10): 1984 (RA 2002)	0 to 5 NTU
		pH	IS 3025 (Part 11): 1983 (RA 2002)	0.1 to 14
		Total hardness as CaCO <sub>3</sub>	IS 3025 (Part 21): 2009	0 mg/l to 600 mg/l
		Iron as Fe <sup>2+</sup>	IS 3025 (Part 53): 2003 (RA 2009)	0.1 mg/l to 50 mg/l
		Chloride as Cl <sup>-</sup>	IS 3025 (Part 32): 1988 (RA 2009)	0.5 mg/l to 1000 mg/l
		Total Dissolve Solids (TDS)	IS 3025 (Part 16): 1984 (RA 2006)	0 to 2000 mg/l
		Calcium as Ca <sup>2+</sup>	IS 3025 (Part 40): 1991 (RA 2009)	0.1 mg/l to 200 mg/l
		Magnesium as Mg <sup>2+</sup>	IS 3025 (Part 46): 1994 (RA 2009)	0.1 mg/l to 1000 mg/l
		Sulphate (SO <sub>4</sub> ) <sup>-2</sup>	IS 3025 (Part 24): 1983 (RA 2009)	0.1 mg/l to 400 mg/l
		Fluoride as F <sup>-</sup>	IS 3025 (Part 60): 2008	0.1 mg/l to 20 mg/l
		Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23): 1986 (RA 2009)	0.5 mg/l to 500 mg/l
		Nitrate	IS 3025 (Part 34): 1988 (RA 2003)	0.1 mg/l to 45 mg/l
<b>2.</b>	<b>Water (Waste &amp; Effluent)</b>	Chemical oxygen Demand	APHA Ed. 22 <sup>nd</sup> (Method No. 5220 B)	10 mg to 5000 mg/l

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	<b>Water (Waste &amp; Effluent)</b>	Biochemical oxygen Demand	APHA Ed. 22 <sup>nd</sup> (Method No. 5210 B)	5 mg to 1000 mg/l
		Total suspended solids (T.S.S)	IS 3025 (Part 17): 1984 (RA 2012)	5 mg to 2000 mg/l
		Oil and grease	APHA Ed. 22 <sup>nd</sup> (Method No. 5228B)	2 mg to 10 mg/l

### **III. DRUGS & PHARMACEUTICALS**

#### **1. Antibiotics**

<b>a. Cefixime I.P.</b>	Identification by IR	IP 2014 P. No. 1305-1306	Qualitative
	pH	IP 2014 P. No. 1305-1306	1.0 to 14.0
	Related Substances by HPLC	IP 2014 P. No. 1305-1306	0.1 % w/w to 3.0 % w/w
	Water by Karl fischer Titrator	IP 2014 P. No. 1305-1306	9.0 % w/w to 12 % w/w
	Assay by HPLC	IP 2014 P. No. 1305-1306	95.0 % w/w to 101.0 % w/w
	Sulphated Ash	IP 2014 P. No. 1305-1306	0.0 % w/w to 0.2 % w/w
<b>b. Ofloxacin Oral Suspension I.P.</b>	Identification by HPLC	IP 2014 P. No. 2369	90 % w/w to 110 % w/w
	pH	IP 2014 P. No. 2369	1.0 to 14.0
	Assay by HPLC	IP 2014 P. No. 2369	90 % w/w to 110 % w/w

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2.	<b>Vitamins</b>			
a.	<b>Thiamine HCL I.P.</b>	Identification by IR	IP 2014 P. 2856-2857	Qualitative
		Identification by UV Cabinet	IP 2014 P. 2856-2857	Qualitative
		Identification by Chemical	IP 2014 P. 2856-2857	Qualitative
		Appearance of Solution	IP 2014 P. 2856-2857	Qualitative
		pH	IP 2014 P. 2856-2857	1.0 to 14.0
		Related Substances by HPLC	IP 2014 P. 2856-2857	0.05 % w/w to 1.0 % w/w
		Heavy Metals	IP 2014 P. 2856-2857	Qualitative
		Nitrates	IP 2014 P. 2856-2857	Qualitative
		Sulphates	IP 2014 P. 2856-2857	Qualitative
		Sulphated Ash	IP 2014 P. 2856-2857	0.0 to 0.1 % w/w
		Loss on Drying	IP 2014 P. 2856-2857	0.0 to 5.0 % w/w
		Assay by Titration	IP 2014 P. 2856-2857	98.5 % w/w to 101.5 % w/w
b.	<b>Nicotinamide I.P.</b>	Identification by IR	IP 2014 P. No. 2332-2333	Qualitative
		Identification by Chemical	IP 2014 P. No. 2332-2333	Qualitative
		Appearance of Solution	IP 2014 P. No. 2332-2333	Qualitative
		pH	IP 2014 P. No. 2332-2333	1.0 to 14.0

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	<b>Nicotinamide I.P.</b>	Related Substances by TLC	IP 2014 P. No. 2332-2333	Qualitative
		Chlorides	IP 2014 P. No. 2332-2333	Qualitative
		Sulphates	IP 2014 P. No. 2332-2333	Qualitative
		Sulphated Ash	IP 2014 P. No. 2332-2333	0.0 to 0.1 % w/w
		Loss on Drying	IP 2014 P. No. 2332-2333	0.0 to 0.5 % w/w
		Assay by Titration	IP 2014 P. No. 2332-2333	99.0 % w/w to 101 % w/w
<b>c.</b>	<b>Pyridoxine HCL I.P.</b>	Identification by IR	IP 2014 P. No. 2600-2601	Qualitative
		Identification by UV	IP 2014 P. No. 2600-2601	Qualitative
		Identification by HPLC	IP 2014 P. No. 2600-2601	Qualitative
		Identification by Chemical	IP 2014 P. No. 2600-2601	Qualitative
		Appearance of Solution	IP 2014 P. No. 2600-2601	Qualitative
		pH	IP 2014 P. No. 2600-2601	1.0 to 14.0
		Related Substance by HPLC	IP 2014 P. No. 2600-2601	0.05 % w/w to 0.2 % w/w
		Heavy Metals	IP 2014 P. No. 2600-2601	Qualitative
		Sulphated Ash	IP 2014 P. No. 2600-2601	0.0 to 0.1% w/w
		Loss On Drying	IP 2014 P. No. 2600-2601	0.0 to 0.5 % w/w
	Assay by Titration	IP 2014 P. No. 2600-2601	99.0 % to 101% w/w	



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d.	Cyanocobalamin I.P.	Identification by UV	IP 2014 P. No. 1474-1475	Qualitative
		Identification by TLC	IP 2014 P. No. 1474-1475	Qualitative
		Identification by Chemical	IP 2014 P. No. 1474-1475	Qualitative
		Related Substances by HPLC	IP 2014 P. No. 1474-1475	Qualitative
		Loss on drying	IP 2014 P. No. 1474-1475	0.0 to 12.0 % w/w
		Assay by UV	IP 2014 P. No. 1474-1475	96.0 % w/w to 102 % w/w
3. a.	Anticonvulsants Pregabalin I.P.	Identification by IR	IP 2014 P. No 2548-2549	Qualitative
		Specific Optical Rotation	IP 2014 P. No 2548-2549	+10 <sup>0</sup> to +12 <sup>0</sup>
		Related Substances by HPLC	IP 2014 P. No 2548-2549	0.5 % w/w to 1.0 % w/w
		Heavy Metals	IP 2014 P. No 2548-2549	Qualitative
		Sulphated Ash	IP 2014 P. No 2548-2549	0.0 to 0.1 % w/w
		Loss on Drying	IP 2014 P. No 2548-2549	0.0 to 0.5 % w/w
		Assay by HPLC	IP 2014 P. No 2548-2549	98.0 % w/w to 102.0 % w/w
		4. a.	Anthelmintic Levamisol HCL I.P.	Identification by IR
Identification by HPLC	IP 2014 P. No 2075-2076			Qualitative

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	<b>Levamisol HCL I.P.</b>	Identification by Chemical	IP 2014 P. No 2075-2076	Qualitative
		Identification by Melting point Apparatus	IP 2014 P. No 2075-2076	58 ° to 61 °C
		Appearance of Solution	IP 2014 P. No 2075-2076	Quantitative
		pH	IP 2014 P. No 2075-2076	1.0 to 14.0
		Specific optical Rotation	IP 2014 P. No 2075-2076	-121 ° to -128 °
		Related Substances by HPLC	IP 2014 P. No 2075-2076	0.05 % w/w to 1.5 % w/w
		Heavy metals	IP 2014 P. No 2075-2076	Qualitative
		Sulphated ash	IP 2014 P. No 2075-2076	0.0 to 0.1 % w/w
		Loss on Drying	IP 2014 P. No 2075-2076	0.0 to 0.5 % w/w
		Assay Potentiometric Titration	IP 2014 P. No 2075-2076	98.5 % w/w to 101.0 % w/w
<b>5.</b>	<b>Kevatolytic</b>			
<b>a.</b>	<b>Salicylic acid I.P.</b>	Identification by IR	IP 2014 P. No 2705-2706	Qualitative
		Identification by Chemical	IP 2014 P. No 2705-2706	Qualitative
		Identification by Melting point Test Apparatus	IP 2014 P. No 2705-2706	158 °C to 161 °C
		Appearance of Solution	IP 2014 P. No 2705-2706	Qualitative
		Related substances by HPLC	IP 2014 P. No 2705-2706	0.01 % w/w to 0.2 % w/w

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	<b>Salicylic acid I.P.</b>	Heavy Metals	IP 2014 P. No 2705-2706	Qualitative
		Iron	IP 2014 P. No 2705-2706	Qualitative
		Chloride	IP 2014 P. No 2705-2706	Qualitative
		Sulphates	IP 2014 P. No 2705-2706	Qualitative
		Sulphated ash	IP 2014 P. No 2705-2706	0.0 to 0.1 % w/w
		Loss on Drying	IP 2014 P. No 2705-2706	0.0 to 0.5 % w/w
		Assay by Titration	IP 2014 P. No 2705-2706	99.0 % w/w to 100.5 % w/w
<b>6.</b>	<b>Betaadrenoceptor Agonist</b>			
<b>a.</b>	<b>Salbutamol Sulphate I.P.</b>	Identification by IR	IP 2014 P. No 2700-2701,2702	Qualitative
		Identification by UV	IP 2014 P. No 2700-2701-2702	0.44 Abs to 0.51 Abs
		Identification by HPLC	IP 2014 P. No 2700-2701-2702	0.01 % w/w to 1.0 % w/w
		Identification by Chemical	IP 2014 P. No 2700-2701-2702	Qualitative
		Appearance of Solution	IP 2014 P. No 2700-2701,2702	Qualitative
		Acidity or Alkalinity	IP 2014 P. No 2700-2701,2702	Qualitative
		Related Substances by HPLC	IP 2014 P. No 2700-2701,2702	0.01 % w/w to 1.0 % w/w
		Boron	IP 2014 P. No 2700-2701,2702	Qualitative
		Sulphated Ash	IP 2014 P. No 2700-2701,2702	0.0 to 0.1 % w/w

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	<b>Salbutamol Sulphate I.P.</b>	Loss on Drying	IP 2014 P. No 2700-2701,2702	0.0 to 0.5 % w/w
		Assay by Potentiometric Titration	IP 2014 P. No 2700-2701,2702	98.0% 101.0%w/w
<b>7.</b>	<b>Muscle Relaxant</b>			
<b>a.</b>	<b>Thiocolchicoside I.P.</b>	Identification by IR	IP 2014 P. No.2860-2861	Qualitative
		Identification by UV	IP 2014 P. No.2860-2861	Qualitative
		pH	IP 2014 P. No.2860-2861	1.0 to 14.0
		Specific Optical rotation	IP 2014 P. No.2860-2861	-550 ° to -580 °
		Related Substances by HPLC	IP 2014 P. No.2860-2861	0.0 to 0.5 % w/w
		Sulphated ash	IP 2014 P. No.2860-2861	0.0 to 0.1 % w/w
		Loss on Drying	IP 2014 P. No.2860-2861	0.0 to 4.0 % w/w
		Assay by HPLC	As per IP 2014 P. No.2860-2861	98.0 % w/w to 102.0 % w/w
<b>8.</b>	<b>Expectorant</b>			
<b>a.</b>	<b>Guaiphenesin I.P.</b>	Identification by IR	IP 2014 P. No. 1878-1879	Qualitative
		Identification by HPLC	IP 2014 P. No. 1878-1879	0.05 % w/w to 1.0 % w/w
		Identification by Melting Point Test Apparatus	IP 2014 P. No. 1878-1879	79 ° to 83 °C
		pH	IP 2014 P. No. 1878-1879	1.0 to 14.0

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	<b>Guaiphenesin I.P.</b>	Related Substances by HPLC	IP 2014 P. No. 1878-1879	0.05 % w/w to 1.0 % w/w
		Chlorides and Monochlorohydrins	IP 2014 P. No. 1878-1879	Qualitative
		Guaicol	IP 2014 P. No. 1878-1879	Qualitative
		Sulphated Ash	IP 2014 P. No. 1878-1879	0.0 to 0.1 % w/w
		Heavy Metals	IP 2014 P. No. 1878-1879	Qualitative
		Loss on Drying	IP 2014 P. No. 1878-1879	0.0 to 0.5 % w/w
		Assay by Titration	IP 2014 P. No. 1878-1879	98.0 % w/w to 101.5 % w/w
<b>9.</b>	<b>Analgesic and Antipyretic</b>			
<b>a.</b>	<b>Paracetamol I.P.</b>	Identification by IR	IP 2014 P. No. 2429-2430	Qualitative
		Identification by UV	IP 2014 P. No. 2429-2430	Qualitative
		Identification by Chemical	IP 2014 P. No. 2429-2430	Qualitative
		Related Substances by HPLC	IP 2014 P. No. 2429-2430	0.01 % w/w to 0.1 % w/w
		Heavy Metals	IP 2014 P. No. 2429-2430	Qualitative
		Sulphated ash	IP 2014 P. No. 2429-2430	0.0 to 0.1 % w/w
		Loss on drying	IP 2014 P. No. 2429-2430	0.0 to 0.5 % w/w
		Assay by Titration	IP 2014 P. No. 2429-2430	99.0 % w/w to 101.0 % w/w

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<b>10.</b>	<b>Analgesic &amp; Anti-Inflammatory</b>			
<b>a.</b>	<b>Diclofenac Sodium I.P.</b>	Identification by IR	IP 2014 P. No 1550-1551	Qualitative
		Identification by Chemical	IP 2014 P. No 1550-1551	Qualitative
		Identification by HPLC	IP 2014 P. No 1550-1551	0.005 % w/w to 0.5 % w/w
		Appearance of solution	IP 2014 P. No 1550-1551	Qualitative
		pH	IP 2014 P. No 1550-1551	1.0 to 14.0
		Light Absorption by UV	IP 2014 P. No 1550-1551	0.001 Abs to 0.050 Abs
		Related Substances by HPLC	IP 2014 P. No 1550-1551	0.005 % w/w to 0.5 % w/w
		Heavy Metals	IP 2014 P. No 1550-1551	Qualitative
		Loss on drying	IP 2014 P. No 1550-1551	0.0 to 0.5 % w/w
	Assay by Titration	IP 2014 P. No 1550-1551	98.5 % w/w to 101.0 % w/w	
<b>11.</b>	<b>Antihypertensive</b>			
<b>a.</b>	<b>Ramipril I.P.</b>	Identification by IR	IP 2014 P. No.2639-2640	Qualitative
		Appearance solution	IP 2014 P. No.2639-2640	Qualitative
		Specific Optical rotation	IP 2014 P. No.2639-2640	+32 ° to +38 °
		Related Substances by HPLC	IP 2014 P. No.2639-2640	0.5 % w/w to 1.0 % w/w

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	<b>Ramipril I.P.</b>	Sulphated ash	IP 2014 P. No.2639-2640	0.0 to 0.1 % w/w
		Loss on drying	IP 2014 P. No.2639-2640	0.0 to 0.2 % w/w
		Assay By Titration.	IP 2014 P. No.2639-2640	98.0 % w/w to 101 % w/w
<b>12.</b>	<b>Mucolytic</b>			
<b>18.</b>	<b>Ambroxol HCL I.P.</b>	Identification by IR	IP 2014 P. No 1025-1026	Qualitative
		Identification by Chemical	IP 2014 P. No 1025-1026	Qualitative
		pH	IP 2014 P. No 1025-1026	1.0 to 14.0
		Related Substances by HPLC	IP 2014 P. No 1025-1026	0.01 % w/w to 1.0 % w/w
		Heavy Metals	IP 2014 P. No 1025-1026	Qualitative
		Sulphated Ash	IP 2014 P. No 1025-1026	0.0 to 0.1 % w/w
		Loss on Drying	IP 2014 P. No 1025-1026	0.0 to 0.5 % w/w
		Assay Potentiometric Titration	IP 2014 P. No 1025-1026	99.0 % w/w to 101.0 % w/w
<b>13.</b>	<b>Pharmaceuticals Aids</b>			
<b>a.</b>	<b>Sodium Chloride I.P.</b>	Identification by chemical	IP 2014 P. No.2740-2741	Qualitative
		Appearance of Solution	IP 2014 P. No.2740-2741	Qualitative
		Acidity or Alkalinity	IP 2014 P. No.2740-2741	Qualitative
		Arsenic	IP 2014 P. No.2740-2741	Qualitative

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	<b>Sodium Chloride I.P.</b>	Barium	IP 2014 P. No.2740-2741	Qualitative
		Bromide	IP 2014 P. No.2740-2741	Qualitative
		Calcium and Magnesium	IP 2014 P. No.2740-2741	1.0 ppm to 50 ppm
		Ferro cyanide	IP 2014 P. No.2740-2741	Qualitative
		Heavy metals	IP 2014 P. No.2740-2741	Qualitative
		Iodide	IP 2014 P. No.2740-2741	Qualitative
		Iron	IP 2014 P. No.2740-2741	Qualitative
		Sulphates	IP 2014 P. No.2740-2741	Qualitative
		Loss on drying	IP 2014 P. No.2740-2741	0.0 to 1.0 % w/w
		Assay by Titration	IP 2014 P. No.2740-2741	99.0 % w/w to 100.5 % w/w
		Potassium by Flame Photometer	IP 2014 P. No.2740-2741	0.01 % w/w to 0.1 % w/w
		Aluminum by Photoflurometer	As per IP 2014 P. No.2740-2741	0.01 ppm to 0.2 ppm
<b>b.</b>	<b>Sodium Carbonate I.P.</b>	Identification by Chemical	IP 2014 P. No 2739-2740	Qualitative
		Appearance of Solution	IP 2014 P. No 2739-2740	Qualitative
		Alkali hydroxides and bicarbonates	IP 2014 P. No 2739-2740	Qualitative
		Heavy metals	IP 2014 P. No 2739-2740	Qualitative



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	<b>Sodium Carbonate I.P.</b>	Iron	IP 2014 P. No 2739-2740	Qualitative
		Chlorides	IP 2014 P. No 2739-2740	Qualitative
		Sulphates	IP 2014 P. No 2739-2740	Qualitative
		Loss on drying	IP 2014 P. No 2739-2740	0.01 % w/w to 1.0 % w/w
		Assay by Titration	IP 2014 P. No 2739-2740	99.5 % w/w to 100.5 % w/w
<b>c.</b>	<b>Calcium carbonate I.P.</b>	Identification by Chemical substances	IP 2014 P. No 1248	Qualitative
		Substances insoluble in acetic acid	IP 2014 P. No 1248	1.0 mg to 10.0 mg
		Arsenic	IP 2014 P. No 1248	Qualitative
		Heavy metals	IP 2014 P. No 1248	Qualitative
		Barium	IP 2014 P. No 1248	Qualitative
		Iron	IP 2014 P. No 1248	Qualitative
		Magnesium and Alkali Metals	IP 2014 P. No 1248	0.05 mg to 5.0 mg
		Chlorides	IP 2014 P. No 1248	Qualitative
		Sulphates	IP 2014 P. No 1248	Qualitative
		Loss on drying	IP 2014 P. No 1248	0.0 to 2.0 % w/w
	Assay by Titration	IP 2014 P. No 1248	98.0 % w/w to 100.5 % w/w	

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